



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

PAT QUINN, GOVERNOR

LISA BONNETT, DIRECTOR

"Rockford Region Agricultural Field Investigation Report"

File: Green Management of Bureau County, LLC
County: Bureau
Date: May 23, 2013
Mailing Address: 2577 1945 N Avenue
Sheffield, IL 61361

Persons Interviewed: James McCune, Owner-Operator, Exemption 6 and Exemption 7(C)
Nicole McCune, Exemption 6 and Exemption 7(C)
Cargill Representatives:
Randy DeCrain, Field Representative, Exemption 6 and Exemption 7(C)
Dan Wetherell, Environmental Supervisor, Exemption 6 and Exemption 7(C)

Facility Addresses:

- Exemption 6 and Exemption 7(C) 2577 1945 N Avenue, Sheffield, Illinois
13,800 finishers, 8 confinement buildings, 2 - 1.6 MG Slurrystores
Lat-Long: 41.438; -89.808
1100 beef cows and calves, earthen feedlot
Commercial livestock trailer washing operation
Gold Township, Sections 20,21,28
- Anderson South Farm - 22795 Ill. Rt. 40, Sheffield, Illinois
3 - 1100-head confinement barns, 1.6 MG Slurrystore
Lat-Long: 41.479; -89.686
Manlius Township, Section 9
- M-2 Farm - 18500 Ill. Rt. 40, Sheffield, Illinois
3 - 1100-head confinement barns, 1.6 MG Slurrystore
Lat-Long: 41.417; -89.684
Manlius Township, Section 34
- M-4 Exemption 6 and Exemption 7(C) - 24127 150th Street East Avenue, Fairfield, Illinois
3 - 1200-head confinement barns
Lat-Long: 41.499; -89.831
Fairfield Township, Section 32
- Boar Power Farm - 450th Street East Avenue, Sheffield, Illinois
1 - 2400 head confinement barn, 2 - 1100-head confinement barns
Lat-Long: 41.441; -89.775
Gold Township, Section 23

Receiving Streams: Green River and Hickory Creek

Weather: Light rain; 50's

INTRODUCTION

A reconnaissance compliance inspection was completed on this date for James McCune of Sheffield, Illinois. McCune owns several swine buildings at five facility locations in Bureau County. McCune custom feeds the hogs which are owned by Cargill Corporation. Twenty confinement barns house approximately 38,600 swine finishers from 15 lbs to market weight. Approximately 15.5 million gallons of manure is applied annually to approximately 5000 acres of cropland. The manure is custom applied spring and fall by several manure applicators: Innskeep Pumping, Justin Petersen, and Barry Manthei. Each of the swine facilities have CNMPs that were in the process of being updated by Maurer-Stutz of Peoria, Illinois. None of the CNMPs were available at the time of the inspection.

The older swine buildings have shallow 2 ft partial manure pits that have a scraper system that transfers the liquid manure to a Slurrystore storage structure. The newer swine barns are designed with deep pits. Some of the swine manure is transferred off site to area farmers per contract agreement.

FACILITY DESCRIPTION

Exemption 6 and Exemption 7(C) **2577 1945 N Avenue, Sheffield:**

Exemption 6 and Exemption 7(C) The facility site has two livestock enterprises: 13,800 swine finishers and 1100 beef cow/calf herd. A commercial livestock trailer washing operation is also located at this facility site. This livestock facility site is located in Sections 20, 21, and 28 of Gold Township, Bureau County, Illinois.

There are eight swine confinement barns at this site:

M-1 consists of three 1100-pig barns, all having shallow, 2 ft manure pits that contain a scraper system that transfers to a central reception pit and ultimately into a 1.6 MG Slurrystore. The buildings are naturally ventilated with curtain sides.

M-3 also consists of three 1100-pig barns identical to the M-1 site. A 1.6 MG Slurrystore stores the swine manure.

M-5 is a modern 3600-pig, confinement barn that contains an 8 ft manure pit. The building has a combination of tunnel/natural ventilation.

M-6 is identical to the M-5 building.

Three earthen feedlots house approximately 1100 beef cows and calf pairs. The feedlots are located adjacent to the 1945 N Avenue roadway, west of the home residence. The earthen feedlots are predominantly on a sandy loam soil type. This enterprise was started in the Fall of 2012 to utilize drought damaged corn that was harvested as corn silage. The silage is stored in a large concrete blocked bunker-type structure. Wet corn distillers and processed corn fodder comprises the balance of the cattle rations.

There was no wastewater discharge observed from this production center. It is undecided if the weaned calves will be sold or backgrounded at a different production facility site, according to McCune.

Swine manure is hauled spring and fall. David and Gordon Innskeep custom pump the manure via drag hose injection into approximately 2500 acres of surrounding cropland at a rate of 8-10,000 gallons per acre. A flow meter is utilized on the applicator injector.

The pigs are owned by Cargill Corporation. Day-to-day operations are the responsibility of James McCune. Paco is the herdsman responsible for the entire swine complex and answers weekly to the Cargill representative Randy DeCrain (563-320-1979) as he makes his inspections. Cargill requires its custom feeders to electronically report available freeboard of each manure storage structure monthly. Each of the deep pitted barns requires a minimum of 12 inches of freeboard or the contract producer does not get paid. This amount of freeboard is crucial for optimum operating performance of the pit ventilation fans. Each of the barns has an emergency backup system designed in case of an electrical power interruption. This is tested monthly by the Cargill representative.

The pigs arrive at a weight of 10-15 lbs after the barns have been washed down and disinfected. They are ready for market in approximately 6 months.

Death loss is handled by a local rendering service.

The CNMP was in the process of being updated by Mauer-Stutz of Peoria, Illinois. It could not be reviewed at the time of the inspection.

The commercial truck washing operation had an operating permit (2006-EB-1586) that expired on September 30, 2011. The permit was not renewed.

A metal building comprises the livestock trailer washing shed. The semi-trailers, used for transporting cattle and hogs, are required to be washed and disinfected for disease prevention and general cleanliness. The wastewater and bedding material from the washing building flows by drain into a reception pit and is periodically pumped into an earthen storage basin. No freeboard marker was observed in the storage basin.

Anderson South Facility - 22795 Illinois Route 40, Sheffield:

This facility is owned by James McCune. The hogs at this location are owned by Cargill Corporation. Two groups of pigs are fed annually (6 months each) through these buildings. Processed feed is supplied by River Valley Feed Mill from Galva, Illinois. The facility is comprised of three 1100-hog confinement buildings with 2 ft manure pits. A scraper system transfers the manure into a reception pit which pumps into an adjacent 1.6 MG Slurrystore. The manure is utilized by neighboring farmers Harry McCune (brother) and Keith Bolen. The farmers contract with Justin Petersen and/or Barry Manthei to inject the manure in their cropland each spring and fall. Approximately 500 acres are used for both applications. The application rate was reported at 4500-4800 gallons/acre. A row of border trees was established on three sides of the swine complex. A CNMP is currently being developed by Mauer-Stutz. The buildings contain a standard emergency alert system in case of a power or water failure.

Animal mortality is disposed of by a local rendering service.

M-2 Facility - 18500 Illinois Route 40, Sheffield:

This facility is owned by James McCune. It is located in Section 34 of Manlius Township in Bureau County. The facility consists of three 1100-pig confinement buildings containing a shallow 2 ft manure pit. Scrapers transfer the manure to a reception tank which pumps into an adjacent 1.6 MG Slurrystore.

These buildings have natural ventilation with sidewall curtains. An emergency system protects the livestock in case of a power or water failure. Animal mortality is disposed of by a local rendering service.

A row of border trees (pine) has been established along Route 40.

A CNMP is currently being developed. Manure is injected by drag hose in cropland owned by James McCune and nearby neighbors at a reported rate of 8,000-10,000 gallons/acre. The nearest surface water to this facility is a drainage ditch located 1/4 mile east of the swine facility which flows northwest to the Hickory River.

There is another identically designed and operated swine facility located 1/4 mile north of M-2 that is owned by Doug Lenhart. That swine finishing facility is also part of the Green Management of Bureau County Cooperative.

M-4 Exemption 6 and Exemption 7(C) - 24127 150 Street East Avenue, Fairfield:

This facility is also owned by James McCune. It is located in Section 32 of Fairfield Township in Bureau County. The swine facility was constructed in 2009. The facilities consist of three 1200-hog confinement buildings each with 8 ft manure pits. The manure is custom applied two times per year by Innskeep Pumping via dragline injection to approximately 660 acres of nearby cropland owned by James McCune at the 8,000-10,000 gallon/acre rate.

A CNMP is currently being developed by Mauer-Stutz of Peoria, Illinois.

The nearest surface water to this facility is a drainage ditch located approximately 1/4 mile west of the swine facility which flows south to the Bureau County Ditch to the Green River.

An emergency system also is in place to protect the livestock in case of an electrical or water failure. The system is checked monthly by the Cargill representative.

Animal mortality is disposed of by a local rendering service.

Boar Power - 450th Street East Avenue, Sheffield:

This swine facility is also owned by James McCune. It is located in Section 23 of Gold Township in Bureau County. The complex is comprised of a new 2400-hog confinement barn constructed in 2012. It contains a 10 ft manure pit and utilizes a similar emergency alert system in case of an electrical or water failure. The manure produced at this facility is applied two times per year by Innskeep Pump, a contractor, via a dragline injection system to nearby cropland owned by McCune and neighbors. A rate of 8,000-10,000 gallons/acre is applied.

Two older 1100-hog barns are also in use at this site. They are scheduled to be retired and demolished during 2013. A future 2400-hog confinement building is being planned as a replacement.

Storm water flow drains west 1/2 mile from this facility site, drains underneath the Hennepin Canal to the Bureau County Ditch to the Green River.

Animal mortality is handled by a local rendering service.

A CNMP is currently being developed for this facility site by Mauer-Stutz of Peoria, Illinois.

SUMMARY

A summary of the inspection observations was conveyed to James McCune following a tour of the five separate facility sites.

Exemption 6 and Exemption 7(C) site posed the only compliance concerns. The permit for the livestock trailer wash was expired. McCune was told to contact his consultant soon to make the necessary EPA permit re-application.

A freeboard marker was not observed at the earthen manure basin adjacent to the truck wash.

The beef cow/calf enterprise has exposed earthen feedlots located on sandy loam-type soils which may present groundwater contamination concerns if not managed properly. McCune was encouraged to have the consultant include the beef cow enterprise into the revised CNMP. The feed storage area may require future considerations for containment measures.

IEPA has not received any odor or water pollution complaints about any of the swine facility sites that were inspected during this visit.

McCune was informed that a letter from our Agency would be sent concerning the lapse of the operating permit for the commercial truck washing operation.

The inspection concluded at 12:30 PM.



Lee Heeren, Ag Specialist

LH/svf

Green Management of Bureau County, LLC - Bureau County
May 23, 2013
Page Six

Attachments:

- Maps
- 3560 Form
- Livestock Facility Inspection Checklist (5)
- Photos

cc: DWPC/FOS and Records Unit
Rockford Region

**EPA**

United States Environmental Protection Agency
Water Compliance Inspection Report

Section A: National Data System Coding (i.e., PCS)

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15 <input type="checkbox"/> 16 <input type="checkbox"/> 17 <input type="checkbox"/> 18 <input type="checkbox"/> 19 <input type="checkbox"/> 20 <input type="checkbox"/>					
Remarks					
21					
66					
Inspection Work Days	Facility Self-Monitoring Evaluation Rating	BI	QA	Reserved	
67 <input type="checkbox"/> 68 <input type="checkbox"/> 69 <input type="checkbox"/> 70 <input type="checkbox"/> 71 <input type="checkbox"/> 72 <input type="checkbox"/> 73 <input type="checkbox"/> 74 <input type="checkbox"/> 75 <input type="checkbox"/> 76 <input type="checkbox"/> 77 <input type="checkbox"/> 78 <input type="checkbox"/> 79 <input type="checkbox"/> 80 <input type="checkbox"/>					

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time/Date	Permit Effective Date
James McCune 2006-EB-1586 Exemption 6 and Exemption 7(C)	10:15 AM	10/12/2006
	Exit Time/Date	Permit Expiration Date
	12:30 PM	9/30/2011
Name(s) of On-Site Representative(s)/Title(s)/ Phone and Fax Number(s)	Other Facility Data	
James McCune (Owner) Exemption 6 and Exemption 7(C) Nicole McCune Exemption 6 and Exemption 7(C)		
Name, Address of Responsible Official/Title/Phone and Fax Number		
James McCune		
Contacted		
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input checked="" type="checkbox"/> Permit	<input type="checkbox"/> Flow Measurement	<input checked="" type="checkbox"/> Operation & Maintenance	<input type="checkbox"/> Storm Water
<input checked="" type="checkbox"/> Records/Reports	<input type="checkbox"/> Self-Monitoring Program	<input type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Combined Sewer Overflow
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Compliance Schedules	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> Sanitary Sewer Overflow
<input type="checkbox"/> Effluent/Receiving Waters	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Pollution Prevention	<input type="checkbox"/> MS4

Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation Codes, as necessary)

Permit was allowed to expire. It was not renewed previous to this inspection and was operating without a permit.

SEV Codes**SEV Description**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers	Date
Lee Heeren <i>Lee Heeren</i>	IEPA / DWPC / FOS-Rockford 815/987-7760 FAX 815/987-7005	6-24-13
Signature of Management Q.A. Reviewer	Agency/Office/Phone and Fax Numbers	Date
<i>[Signature]</i>	IEPA / DWPC / FOS-Rockford 815/987-7760 FAX 815/987-7005	6-24-13

cc: BOW-FOS / Records Unit



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Livestock Facility Inspection Checklist

GENERAL INFORMATION

TYPE OF INSPECTION:

☒ CAFO ☐ COMPLAINT ☒ RECONNAISSANCE ☐ ERU FOLLOW UP ☐ OPERATOR REQUEST ☐ OTHER

FACILITY NAME (LLC, Inc., Corp, Partnership, sole proprietorship, etc.)

Green Management of Bureau County, LLC; Boar Power Farm

INSPECTION DATE

5-23-13

ARRIVAL TIME

10:15 AM

ADDRESS

450th Street East Avenue

LATITUDE (Decimal)

N 41.441

LONGITUDE (Decimal)

W -89.775

DEPARTURE TIME

12:30 PM

CITY

Sheffield

STATE

IL

ZIP CODE

61361

INSPECTOR(s)

Lee Heeren

ACCOMPANIED BY (if applicable)

COUNTY

Bureau

SECTION

23

TOWNSHIP

17N

RANGE

6E

POLITICAL TOWNSHIP

Gold

TEMPERATURE

50's

PRECIPITATION TYPE

Light Rain

Facility Owner(s):

NAME

James McCune

CONTACTED

☒ YES ☐ NO

PHONE

MOBILE

Exemption 6 and Exemption 7(C)

ADDRESS

CITY

STATE

ZIP CODE

Exemption 6 and Exemption 7(C)

NAME

CONTACTED

☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

Facility Operator(s):

NAME

CONTACTED

☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

NAME

CONTACTED

☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

NPDES PERMIT INFORMATION (If no NPDES Permit, skip this section)

1. What type of NPDES permit has been issued?

☐ Individual NPDES Permit

☐ General NPDES Permit

NPDES #

2. What date was the NPDES permit issued?

3. What date does the NPDES permit expire?

4. Is a copy of the NPDES permit onsite?

☐ YES

☐ NO

5. Permitted number of animals (no. & specie)?

6. Does the NPDES Permit contain a compliance schedule?

☐ YES

☐ NO

7. Have there been any changes made to the production area since the permit was issued?

☐ YES

☐ NO

If "YES", provide a detailed description of those changes.

None

LAND APPLICATION/NUTRIENT MANAGEMENT

1. How many TOTAL acres are available for land application? <u>500</u> acres		
2. How many acres are READILY available for land application at the time of inspection? _____ acres		
3. Estimated annual quantities of liquid waste <u>2 MG</u> gallons		
4. Estimated annual quantities of solid waste _____ tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: _____		<input type="checkbox"/> YES <input type="checkbox"/> NO
6. What type of land application equipment is available to the facility? <input type="checkbox"/> Umbilical Injection <input checked="" type="checkbox"/> Honeywagon Injection <input type="checkbox"/> Honeywagon Surface <input type="checkbox"/> Irrigation <input type="checkbox"/> Rotational Gun <input type="checkbox"/> Manure Spreader <input type="checkbox"/> Vegetative Filter <input type="checkbox"/> Other _____		
7. Does the facility calibrate the land application equipment? If "YES", What method is used? Flow meter		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
10. Does the facility land apply near any residences? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
11. Is livestock waste transferred off-site to another party? If "YES", Are records of manure transfers kept? If "YES", Ask to see records		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
12. Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> NO
13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?		<input type="checkbox"/> YES <input type="checkbox"/> NO
14. Are the number of acres owned/leased consistent with those in the NMP?		<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?		<input type="checkbox"/> YES <input type="checkbox"/> NO
16. Are all of the records identified in the NMP being maintained and kept current?		<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Are records being maintained at the required frequency?		<input type="checkbox"/> YES <input type="checkbox"/> NO
18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?		<input type="checkbox"/> YES <input type="checkbox"/> NO
19. Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?		<input type="checkbox"/> YES <input type="checkbox"/> NO

LIVESTOCK FACILITY DESCRIPTION

Type of Animals	Number of Animals (currently)	Animal Capacity	Type of Confinement	Number of Structures
SWINE > 55 LBS	4600	4600	TOTAL CONFINEMENT BDG	3

Does the facility have an Illinois Certified Livestock Manager (300 or greater animal units)? ☐ N/A ☐ YES ☒ NO

If greater than 1000 animal units but less than 5000 animal units, does the facility have a waste management plan? ☐ N/A ☐ YES ☐ NO

If greater than 5000 animal units, has the facility submitted a waste management plan to IDOA for review? ☐ N/A ☐ YES ☐ NO

Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below.
None

☐ YES ☐ NO

LIVESTOCK WASTE STORAGE

- Does the facility have any existing livestock waste containment system? ☒ YES ☐ NO
If NO, then proceed to question 10.
- General description of the waste containment system (include solid and liquid manure handling, mortality, and feed storage areas).
1 - 2400 head hog barn has a 10 ft manure pit.
2 - 1100 head barns have 8 ft manure pits. (These barns are scheduled to be demolished in 2013.)

Type of Storage	Total Storage Capacity (Specify Units)
<input type="checkbox"/> Anaerobic Lagoon	
<input type="checkbox"/> Covered Lagoon	
<input type="checkbox"/> Holding Pond	
<input type="checkbox"/> Above Ground Storage Tank ("Slurrystore")	
<input type="checkbox"/> Below Ground Storage Tank	
<input type="checkbox"/> Settling Basin	
<input type="checkbox"/> Roofed Storage Shed	
<input type="checkbox"/> Concrete Pad	
<input type="checkbox"/> Impervious Soil Pad	
<input checked="" type="checkbox"/> Underfloor Pits	
<input type="checkbox"/> Anaerobic Digester	
<input type="checkbox"/> Manure Stacks	
<input type="checkbox"/> Vegetative Filter	
<input type="checkbox"/> Other _____	
<input type="checkbox"/> None	

3. Do the storage structures have depth markers or staff gauges? ☐ YES ☒ NO

4. Are levels of manure in the storage structures recorded and records kept? ☒ YES ☐ NO

5. Do the storage structures have adequate freeboard? ☒ YES ☐ NO

6. Estimated final stage storage structure freeboard _____ in. of total depth _____ in.

7. Do facility personnel perform routine visual inspections of the storage structures? ☒ YES ☐ NO

8. Are the routine visual inspections documented? ☒ YES ☐ NO

9. Does the system have an outfall or discharge point? ☐ YES ☒ NO

If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge).

None

10. Are there any portions of the production area where runoff is not controlled? ☐ YES ☒ NO

If "YES", provide a detailed description of the area(s) of concern:

None

MORTALITIES MANAGEMENT

1. How are mortalities managed? (Composted, buried, burned, rendering service, other)

Rendering service

2. Are mortalities documented and are records kept? ☒ YES ☐ NO

FACILITY WATER SOURCES

1. What type of method is used to provide drinking water for the animals?
☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☒ Water Bowls ☐ Other _____
2. How is the water for animals obtained?
☐ Community PWS ☒ On-Site Well ☐ On-Site Impoundment ☐ Other _____
3. Is a mist cooling system used? ☒ YES ☐ NO
How is mist water contained?
Falls into manure pit

DAIRY OPERATION (If No Dairy, skip this section)

1. How many times per day are cows milked? _____
2. Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).
None
3. Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.
None
4. Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.
None
5. Describe where process wastewater from the plate cooler goes and how it is contained.
None

BEDDING (If No Bedding, skip this section)

1. Describe what type of bedding is used for the animals.
None
2. Describe how bedding is collected and how often.
None
3. What is done with the used bedding? ☐ Reused ☐ Land Applied

MANURE COLLECTION

1. How is manure collected?

- ☒ Under Floor Pit
☒ Scraped: ☒ Automatic ☐ Manual
☐ Flush
☐ Solids Separator
☐ Other: _____
☐ None

2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.

None**FEED STORAGE CONTAINMENT**

1. Describe how feed (silage, hay, etc) is contained.

- ☒ Bulk Bins
☐ Silage Pit
☐ Ag Bags
Hay: ☐ Barn ☐ Outdoor
☐ Other: _____

2. Describe how feed (silage, hay, etc) runoff is contained.

- ☐ Not Applicable – Feed totally enclosed
☐ Other: _____
☐ None

RECEIVING SURFACE WATERS

1. Provide a description of the flow path from the facility to the nearest named surface water.

It would drain approximately west 1/2 mile, go underneath the Hennepin Canal and then flow approximately 1-1/2 miles to the Bureau County Ditch which empties into the Green River.

2. What is the name of the receiving stream?

Green River3. Status of the named surface water: ☐ Intermittent ☒ Perennial4. Are any unnatural bottom deposits observed in the receiving stream: ☐ YES ☒ NOIf "YES", provide a description of the deposits: **None**

DISCHARGES

1. Have there been any documented discharges of livestock waste to surface water <i>in the past year</i> ? If "NO" proceed to question 2.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. If "YES", specify the date(s). _____		
b. What was the reason for the discharge?		
c. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
d. What was the precipitation amount? (if applicable)		
e. Was IEMA notified of the discharge?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
If "YES", describe actions taken: None		

2. Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
b. What was the precipitation amount? (if applicable)		
c. What is the reason for the discharge?		
d. Were water quality samples taken?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
e. If "YES", how many? _____		
f. What parameter(s) tested? <input type="checkbox"/> pH <input type="checkbox"/> Ammonia <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Phosphorus <input type="checkbox"/> BOD ₅ <input type="checkbox"/> Total Susp Solids <input type="checkbox"/> Fecal <input type="checkbox"/> Diss O ₂ <input type="checkbox"/> Other _____		

BIOSECURITY – Inspection Activities

1. Were biosecurity measures discussed with the facility prior to inspection?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
2. Has there been 24-hours downtime between inspections for all IEPA personnel present?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
3. Was the order of inspection conducted from high risk to low risk?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Did all personnel stay outside livestock management and livestock waste handling facilities as defined in 35 IAC 501.285 and 35 IAC 501.300? If "YES" skip to question 7.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

BIOSECURITY – Personal Protection Equipment

5. Was sanitary footwear donned prior to entering the livestock management/waste handling facility(s)?	<input checked="" type="checkbox"/> N/A Did not Enter	<input type="checkbox"/> YES	<input type="checkbox"/> NO
6. Were disposable coveralls donned prior to entering the livestock management/waste handling facility(s)?	<input checked="" type="checkbox"/> N/A Did not Enter	<input type="checkbox"/> YES	<input type="checkbox"/> NO
7. Was sanitary footwear used during the inspection?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
8. Was disposable sanitary outerwear disposed at the facility?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	

BIOSECURITY – Vehicle

9. Was the vehicle parking location discussed with the facility prior to inspection?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
10. Was the vehicle washed since the inspection prior to current? If "YES" skip question 11.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
11. Was the vehicle parked >300-feet from the livestock management/waste handling facility? Explain where vehicle was parked:	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Was IEPA vehicle used on site?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
13. Was facility vehicle used on site?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

BIOSECURITY – Inspection Equipment

14. Was all equipment wiped down with anti-bacterial wipes?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
15. Was sample cooler kept inside vehicle during inspection? If "YES" skip question 16.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
16. Was sample cooler wiped down with antibacterial wipes before placing back into vehicle?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO

OTHER COMMENTS/NOTES

See accompanying inspection report and photos.

Check all attachments: ☒ Narrative ☒ Photos ☐ Site Plan ☐ Sample Results

INSPECTOR'S SIGNATURE**REPORT DATE****5-23-13**



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Livestock Facility Inspection Checklist

GENERAL INFORMATION									
TYPE OF INSPECTION: <input checked="" type="checkbox"/> CAFO <input type="checkbox"/> COMPLAINT <input checked="" type="checkbox"/> RECONNAISSANCE <input type="checkbox"/> ERU FOLLOW UP <input type="checkbox"/> OPERATOR REQUEST <input type="checkbox"/> OTHER									
FACILITY NAME (LLC, Inc., Corp, Partnership, sole proprietorship, etc.) Green Management of Bureau County, LLC; M-2 Farm						INSPECTION DATE 5-23-13		ARRIVAL TIME 10:15 AM	
ADDRESS 18500 Ill. Rt. 40				LATITUDE (Decimal) N 41.417		LONGITUDE (Decimal) W -89.684		DEPARTURE TIME 12:30 PM	
CITY Sheffield		STATE IL	ZIP CODE 61361	INSPECTOR(s) Lee Heeren			ACCOMPANIED BY (if applicable)		
COUNTY Bureau		SECTION 34	TOWNSHIP 17N	RANGE 7E	POLITICAL TOWNSHIP Manlius		TEMPERATURE 50's		PRECIPITATION TYPE Light Rain
Facility Owner(s): <small>Exemption 6 and Exemption 7(C)</small>	NAME James McCune				CONTACTED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		PHONE		MOBILE <small>Exemption 6 and Exemption 7(C)</small>
	ADDRESS				CITY		STATE		ZIP CODE
	Exemption 6 and Exemption 7(C)								
	NAME				CONTACTED <input type="checkbox"/> YES <input type="checkbox"/> NO		PHONE		MOBILE
	ADDRESS				CITY		STATE		ZIP CODE
Facility Operator(s): <small>Exemption 6 and Exemption 7(C)</small>	NAME				CONTACTED <input type="checkbox"/> YES <input type="checkbox"/> NO		PHONE		MOBILE
	ADDRESS				CITY		STATE		ZIP CODE
	NAME				CONTACTED <input type="checkbox"/> YES <input type="checkbox"/> NO		PHONE		MOBILE
	ADDRESS				CITY		STATE		ZIP CODE
NPDES PERMIT INFORMATION (If no NPDES Permit, skip this section)									
1. What type of NPDES permit has been issued? <input type="checkbox"/> Individual NPDES Permit <input type="checkbox"/> General NPDES Permit								NPDES #	
2. What date was the NPDES permit issued?									
3. What date does the NPDES permit expire?									
4. Is a copy of the NPDES permit onsite?								<input type="checkbox"/> YES <input type="checkbox"/> NO	
5. Permitted number of animals (no. & specie)?									
6. Does the NPDES Permit contain a compliance schedule?								<input type="checkbox"/> YES <input type="checkbox"/> NO	
7. Have there been any changes made to the production area since the permit was issued?								<input type="checkbox"/> YES <input type="checkbox"/> NO	
If "YES", provide a detailed description of those changes. None									

LAND APPLICATION/NUTRIENT MANAGEMENT

1. How many TOTAL acres are available for land application? <u>800</u> acres		
2. How many acres are READILY available for land application at the time of inspection? _____ acres		
3. Estimated annual quantities of liquid waste <u>2.5 MG</u> gallons		
4. Estimated annual quantities of solid waste _____ tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: <u>Manthei</u>		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6. What type of land application equipment is available to the facility? <input type="checkbox"/> Umbilical Injection <input checked="" type="checkbox"/> Honeywagon Injection <input type="checkbox"/> Honeywagon Surface <input type="checkbox"/> Irrigation <input type="checkbox"/> Rotational Gun <input type="checkbox"/> Manure Spreader <input type="checkbox"/> Vegetative Filter <input type="checkbox"/> Other _____		
7. Does the facility calibrate the land application equipment? If "YES", What method is used? Flow meter		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
10. Does the facility land apply near any residences? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
11. Is livestock waste transferred off-site to another party? If "YES", Are records of manure transfers kept? If "YES", Ask to see records		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> NO
12. Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?		<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> NO
13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?		<input type="checkbox"/> YES <input type="checkbox"/> NO
14. Are the number of acres owned/leased consistent with those in the NMP?		<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?		<input type="checkbox"/> YES <input type="checkbox"/> NO
16. Are all of the records identified in the NMP being maintained and kept current?		<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Are records being maintained at the required frequency?		<input type="checkbox"/> YES <input type="checkbox"/> NO
18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?		<input type="checkbox"/> YES <input type="checkbox"/> NO
19. Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?		<input type="checkbox"/> YES <input type="checkbox"/> NO

LIVESTOCK FACILITY DESCRIPTION

Type of Animals	Number of Animals (currently)	Animal Capacity	Type of Confinement	Number of Structures
SWINE > 55 LBS	3300	3300	TOTAL CONFINEMENT BDG	3

Does the facility have an Illinois Certified Livestock Manager (300 or greater animal units)?	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
If greater than 1000 animal units but less than 5000 animal units, does the facility have a waste management plan?	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO
If greater than 5000 animal units, has the facility submitted a waste management plan to IDOA for review?	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below. 22795 Ill. Rt. 40, Walnut, Illinois 2577 1945 N Avenue, Sheffield, Illinois M-4, 150 E Avenue, Fairfield, Illinois Boar Power, 450 East Avenue, Sheffield, Illinois		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

LIVESTOCK WASTE STORAGE

- Does the facility have any existing livestock waste containment system? ☒ YES ☐ NO
If NO, then proceed to question 10.
- General description of the waste containment system (include solid and liquid manure handling, mortality, and feed storage areas).
Each of the three 1100-pig barns have shallow manure pits that have an automatic scraper system that transfers the manure to a reception pit and then into a 1.6 MG Slurrystore. Each of the barns have multiple bulk bins to store the animal feed. Animal mortality is disposed of through a local rendering service.

Type of Storage	Total Storage Capacity (Specify Units)
<input type="checkbox"/> Anaerobic Lagoon	
<input type="checkbox"/> Covered Lagoon	
<input type="checkbox"/> Holding Pond	
<input checked="" type="checkbox"/> Above Ground Storage Tank ("Slurrystore")	
<input type="checkbox"/> Below Ground Storage Tank	
<input type="checkbox"/> Settling Basin	
<input type="checkbox"/> Roofed Storage Shed	
<input type="checkbox"/> Concrete Pad	
<input type="checkbox"/> Impervious Soil Pad	
<input checked="" type="checkbox"/> Underfloor Pits	
<input type="checkbox"/> Anaerobic Digester	
<input type="checkbox"/> Manure Stacks	
<input type="checkbox"/> Vegetative Filter	
<input type="checkbox"/> Other _____	
<input type="checkbox"/> None	

3. Do the storage structures have depth markers or staff gauges? ☐ YES ☒ NO

4. Are levels of manure in the storage structures recorded and records kept? ☒ YES ☐ NO

5. Do the storage structures have adequate freeboard? ☒ YES ☐ NO

6. Estimated final stage storage structure freeboard _____ in. of total depth _____ in.

7. Do facility personnel perform routine visual inspections of the storage structures? ☒ YES ☐ NO

8. Are the routine visual inspections documented? ☒ YES ☐ NO

9. Does the system have an outfall or discharge point? ☐ YES ☒ NO

If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge).

None

10. Are there any portions of the production area where runoff is not controlled? ☐ YES ☒ NO

If "YES", provide a detailed description of the area(s) of concern:

None

MORTALITIES MANAGEMENT

1. How are mortalities managed? (Composted, buried, burned, rendering service, other)

Rendering service

2. Are mortalities documented and are records kept? ☒ YES ☐ NO

FACILITY WATER SOURCES

1. What type of method is used to provide drinking water for the animals?
☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☒ Water Bowls ☐ Other _____
2. How is the water for animals obtained?
☐ Community PWS ☒ On-Site Well ☐ On-Site Impoundment ☐ Other _____
3. Is a mist cooling system used? ☒ YES ☐ NO
How is mist water contained?
Falls into manure pit

DAIRY OPERATION (If No Dairy, skip this section)

1. How many times per day are cows milked? _____
2. Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).
None
3. Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.
None
4. Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.
None
5. Describe where process wastewater from the plate cooler goes and how it is contained.
None

BEDDING (If No Bedding, skip this section)

1. Describe what type of bedding is used for the animals.
None
2. Describe how bedding is collected and how often.
None
3. What is done with the used bedding? ☐ Reused ☐ Land Applied

MANURE COLLECTION

1. How is manure collected?

- ☒ Under Floor Pit
☒ Scraped: ☒ Automatic ☐ Manual
☐ Flush
☐ Solids Separator
☐ Other: _____
☐ None

2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.

None**FEED STORAGE CONTAINMENT**

1. Describe how feed (silage, hay, etc) is contained.

- ☒ Bulk Bins
☐ Silage Pit
☐ Ag Bags
Hay: ☐ Barn ☐ Outdoor
☐ Other: _____

2. Describe how feed (silage, hay, etc) runoff is contained.

- ☐ Not Applicable – Feed totally enclosed
☐ Other: _____
☐ None

RECEIVING SURFACE WATERS

1. Provide a description of the flow path from the facility to the nearest named surface water.

Flow would travel approximately 1/4 mile east to a drainage ditch and then flow northwest into Hickory Creek.

2. What is the name of the receiving stream?

Hickory Creek3. Status of the named surface water: ☐ Intermittent ☒ Perennial4. Are any unnatural bottom deposits observed in the receiving stream: ☐ YES ☒ NOIf "YES", provide a description of the deposits: **None**

DISCHARGES

1. Have there been any documented discharges of livestock waste to surface water <i>in the past year</i> ? If "NO" proceed to question 2.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. If "YES", specify the date(s). _____		
b. What was the reason for the discharge?		
c. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
d. What was the precipitation amount? (if applicable)		
e. Was IEMA notified of the discharge?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
If "YES", describe actions taken: None		
2. Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
b. What was the precipitation amount? (if applicable)		
c. What is the reason for the discharge?		
d. Were water quality samples taken?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
e. If "YES", how many? _____		
f. What parameter(s) tested? <input type="checkbox"/> pH <input type="checkbox"/> Ammonia <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Phosphorus <input type="checkbox"/> BOD ₅ <input type="checkbox"/> Total Susp Solids <input type="checkbox"/> Fecal <input type="checkbox"/> Diss O ₂ <input type="checkbox"/> Other _____		

BIOSECURITY – Inspection Activities

1. Were biosecurity measures discussed with the facility prior to inspection?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
2. Has there been 24-hours downtime between inspections for all IEPA personnel present?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
3. Was the order of inspection conducted from high risk to low risk?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Did all personnel stay outside livestock management and livestock waste handling facilities as defined in 35 IAC 501.285 and 35 IAC 501.300? If "YES" skip to question 7.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

BIOSECURITY – Personal Protection Equipment

5. Was sanitary footwear donned prior to entering the livestock management/waste handling facility(s)?	<input checked="" type="checkbox"/> N/A Did not Enter	<input type="checkbox"/> YES	<input type="checkbox"/> NO
6. Were disposable coveralls donned prior to entering the livestock management/waste handling facility(s)?	<input checked="" type="checkbox"/> N/A Did not Enter	<input type="checkbox"/> YES	<input type="checkbox"/> NO
7. Was sanitary footwear used during the inspection?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
8. Was disposable sanitary outerwear disposed at the facility?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	

BIOSECURITY – Vehicle

9. Was the vehicle parking location discussed with the facility prior to inspection?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
10. Was the vehicle washed since the inspection prior to current? If "YES" skip question 11.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
11. Was the vehicle parked >300-feet from the livestock management/waste handling facility? Explain where vehicle was parked:	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Was IEPA vehicle used on site?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
13. Was facility vehicle used on site?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO


BIOSECURITY – Inspection Equipment

14. Was all equipment wiped down with anti-bacterial wipes?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
15. Was sample cooler kept inside vehicle during inspection? If "YES" skip question 16.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
16. Was sample cooler wiped down with antibacterial wipes before placing back into vehicle?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO

OTHER COMMENTS/NOTES

See accompanying inspection report and photos

Check all attachments: ☒ Narrative ☒ Photos ☐ Site Plan ☐ Sample Results

INSPECTOR'S SIGNATURE**REPORT DATE****5-23-13**

Cc: BOW/DWPC/RU

Attachments: _____
Revised March 2012



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Livestock Facility Inspection Checklist

GENERAL INFORMATION

TYPE OF INSPECTION:

☒ CAFO ☐ COMPLAINT ☒ RECONNAISSANCE ☐ ERU FOLLOW UP ☐ OPERATOR REQUEST ☐ OTHER

FACILITY NAME (LLC, Inc., Corp, Partnership, sole proprietorship, etc.)

Green Management of Bureau County, LLC;

Exemption 6 and Exemption 7(C)

INSPECTION DATE

5-23-13

ARRIVAL TIME

10:15 AM

ADDRESS

2577 1945 N Avenue

LATITUDE (Decimal)

N 41.438

LONGITUDE (Decimal)

W -89.808

DEPARTURE TIME

12:30 PM

CITY

Sheffield

STATE

IL

ZIP CODE

61361

INSPECTOR(s)

Lee Heeren

ACCOMPANIED BY (if applicable)

COUNTY

Bureau

SECTION

20,21,28

TOWNSHIP

17N

RANGE

6E

POLITICAL TOWNSHIP

Gold

TEMPERATURE

50's

PRECIPITATION TYPE

Light Rain

Facility Owner(s):

Exemption 6 and Exemption 7(C)

NAME

James McCune

CONTACTED

☒ YES ☐ NO

PHONE

MOBILE

Exemption 6 and Exemption 7(C)

ADDRESS

CITY

STATE

ZIP CODE

Exemption 6 and Exemption 7(C)

NAME

CONTACTED

☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

Facility Operator(s):

Exemption 6 and Exemption 7(C)

NAME

CONTACTED

☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

NAME

CONTACTED

☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

NPDES PERMIT INFORMATION (If no NPDES Permit, skip this section)

1. What type of NPDES permit has been issued?

☐ Individual NPDES Permit

☐ General NPDES Permit

NPDES #

2. What date was the NPDES permit issued?

3. What date does the NPDES permit expire?

4. Is a copy of the NPDES permit onsite?

☐ YES

☐ NO

5. Permitted number of animals (no. & specie)?

6. Does the NPDES Permit contain a compliance schedule?

☐ YES

☐ NO

7. Have there been any changes made to the production area since the permit was issued?

☐ YES

☐ NO

If "YES", provide a detailed description of those changes.

None

LAND APPLICATION/NUTRIENT MANAGEMENT

1. How many TOTAL acres are available for land application? <u>2500</u> acres		
2. How many acres are READILY available for land application at the time of inspection? _____ acres		
3. Estimated annual quantities of liquid waste <u>6 MG</u> gallons		
4. Estimated annual quantities of solid waste _____ tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: <u>Inskeep, Peterson, Manthei</u>		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6. What type of land application equipment is available to the facility? <input type="checkbox"/> Umbilical Injection <input checked="" type="checkbox"/> Honeywagon Injection <input type="checkbox"/> Honeywagon Surface <input type="checkbox"/> Irrigation <input type="checkbox"/> Rotational Gun <input type="checkbox"/> Manure Spreader <input type="checkbox"/> Vegetative Filter <input type="checkbox"/> Other _____		
7. Does the facility calibrate the land application equipment? If "YES", What method is used? Flow meter		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
10. Does the facility land apply near any residences? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
11. Is livestock waste transferred off-site to another party? If "YES", Are records of manure transfers kept? If "YES", Ask to see records		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
12. Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?		<input type="checkbox"/> YES <input type="checkbox"/> NO
14. Are the number of acres owned/leased consistent with those in the NMP?		<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?		<input type="checkbox"/> YES <input type="checkbox"/> NO
16. Are all of the records identified in the NMP being maintained and kept current?		<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Are records being maintained at the required frequency?		<input type="checkbox"/> YES <input type="checkbox"/> NO
18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?		<input type="checkbox"/> YES <input type="checkbox"/> NO
19. Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?		<input type="checkbox"/> YES <input type="checkbox"/> NO

LIVESTOCK FACILITY DESCRIPTION

Type of Animals	Number of Animals (currently)	Animal Capacity	Type of Confinement	Number of Structures
SWINE > 55 LBS	13,800	13,800	TOTAL CONFINEMENT BDG	8
BEEF CATTLE	1100		OPEN EARTHEN FEEDLOT	0

Does the facility have an Illinois Certified Livestock Manager (300 or greater animal units)?	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
If greater than 1000 animal units but less than 5000 animal units, does the facility have a waste management plan?	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO
If greater than 5000 animal units, has the facility submitted a waste management plan to IDOA for review?	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below. Anderson South - 22795 Ill. Rt. 40, Sheffield, Illinois M-2 - Rt. 40, Sheffield, Illinois M-4 - 150 East Avenue, Fairfield, Illinois Boar Power - 450 East Avenue, Sheffield, Illinois		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

LIVESTOCK WASTE STORAGE

1.	Does the facility have any existing livestock waste containment system? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If NO, then proceed to question 10.
2.	General description of the waste containment system (include solid and liquid manure handling, mortality, and feed storage areas). M-5 and M-6: 2 - 3600 finishers, total slats, full 8 ft manure pit. M-1 and M-3: 3 - 1100 head finisher barns, 2 ft partial pit with scrapers into a 1.6 MG Slurrystore. Each of these hog buildings have accompanying bulk feed lines for feed storage. Animal mortality is picked up by a local rendering company.

Type of Storage	Total Storage Capacity (Specify Units)
<input type="checkbox"/> Anaerobic Lagoon	
<input type="checkbox"/> Covered Lagoon	
<input type="checkbox"/> Holding Pond	
<input checked="" type="checkbox"/> Above Ground Storage Tank ("Slurrystore")	
<input type="checkbox"/> Below Ground Storage Tank	
<input type="checkbox"/> Settling Basin	
<input type="checkbox"/> Roofed Storage Shed	
<input type="checkbox"/> Concrete Pad	
<input type="checkbox"/> Impervious Soil Pad	
<input checked="" type="checkbox"/> Underfloor Pits	
<input type="checkbox"/> Anaerobic Digester	
<input type="checkbox"/> Manure Stacks	
<input type="checkbox"/> Vegetative Filter	
<input type="checkbox"/> Other _____	
<input type="checkbox"/> None	

3. Do the storage structures have depth markers or staff gauges? ☐ YES ☒ NO
4. Are levels of manure in the storage structures recorded and records kept? ☒ YES ☐ NO
5. Do the storage structures have adequate freeboard? ☐ YES ☐ NO
6. Estimated final stage storage structure freeboard _____ in. of total depth _____ in.
7. Do facility personnel perform routine visual inspections of the storage structures? ☒ YES ☐ NO
8. Are the routine visual inspections documented? ☒ YES ☐ NO
9. Does the system have an outfall or discharge point? ☐ YES ☒ NO

If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge).

None

10. Are there any portions of the production area where runoff is not controlled? ☐ YES ☒ NO

If "YES", provide a detailed description of the area(s) of concern:

None

MORTALITIES MANAGEMENT

1. How are mortalities managed? (Composted, buried, burned, rendering service, other)

Rendering service

2. Are mortalities documented and are records kept? ☒ YES ☐ NO

FACILITY WATER SOURCES

- What type of method is used to provide drinking water for the animals?
☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☒ Water Bowls ☐ Other _____
- How is the water for animals obtained?
☐ Community PWS ☒ On-Site Well ☐ On-Site Impoundment ☐ Other _____
- Is a mist cooling system used? ☒ YES ☐ NO
 How is mist water contained?
Falls into manure pit

DAIRY OPERATION (If No Dairy, skip this section)

- How many times per day are cows milked? _____
- Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).
None
- Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.
None
- Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.
None
- Describe where process wastewater from the plate cooler goes and how it is contained.
None

BEDDING (If No Bedding, skip this section)

- Describe what type of bedding is used for the animals.
None
- Describe how bedding is collected and how often.
None
- What is done with the used bedding? ☐ Reused ☐ Land Applied

MANURE COLLECTION

1. How is manure collected?

- ☒ Under Floor Pit
☒ Scraped: ☒ Automatic ☐ Manual
☐ Flush
☐ Solids Separator
☐ Other: _____
☐ None

2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.

None**FEED STORAGE CONTAINMENT**

1. Describe how feed (silage, hay, etc) is contained.

- ☒ Bulk Bins
☒ Silage Pit
☐ Ag Bags
☐ Hay: ☐ Barn ☐ Outdoor
☒ Other: **wet distillers in silage bunker**

2. Describe how feed (silage, hay, etc) runoff is contained.

- ☐ Not Applicable – Feed totally enclosed
☐ Other: _____
☐ None

RECEIVING SURFACE WATERS

1. Provide a description of the flow path from the facility to the nearest named surface water.

Northeast 1/2 mile to Bureau County Ditch, under the Hennepin Canal and 3 miles north to Green River.

2. What is the name of the receiving stream?

Green River3. Status of the named surface water: ☐ Intermittent ☒ Perennial4. Are any unnatural bottom deposits observed in the receiving stream: ☐ YES ☒ NOIf "YES", provide a description of the deposits: **None**

DISCHARGES

1. Have there been any documented discharges of livestock waste to surface water <i>in the past year</i> ? If "NO" proceed to question 2.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. If "YES", specify the date(s). _____		
b. What was the reason for the discharge?		
c. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
d. What was the precipitation amount? (if applicable)		
e. Was IEMA notified of the discharge?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
If "YES", describe actions taken: None		
2. Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
b. What was the precipitation amount? (if applicable)		
c. What is the reason for the discharge?		
d. Were water quality samples taken?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
e. If "YES", how many? _____		
f. What parameter(s) tested? <input type="checkbox"/> pH <input type="checkbox"/> Ammonia <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Phosphorus <input type="checkbox"/> BOD ₅ <input type="checkbox"/> Total Susp Solids <input type="checkbox"/> Fecal <input type="checkbox"/> Diss O ₂ <input type="checkbox"/> Other _____		

BIOSECURITY – Inspection Activities

1. Were biosecurity measures discussed with the facility prior to inspection?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
2. Has there been 24-hours downtime between inspections for all IEPA personnel present?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
3. Was the order of inspection conducted from high risk to low risk?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Did all personnel stay outside livestock management and livestock waste handling facilities as defined in 35 IAC 501.285 and 35 IAC 501.300? If "YES" skip to question 7.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

BIOSECURITY – Personal Protection Equipment


5. Was sanitary footwear donned prior to entering the livestock management/waste handling facility(s)?	<input checked="" type="checkbox"/> N/A Did not Enter	<input type="checkbox"/> YES	<input type="checkbox"/> NO
6. Were disposable coveralls donned prior to entering the livestock management/waste handling facility(s)?	<input checked="" type="checkbox"/> N/A Did not Enter	<input type="checkbox"/> YES	<input type="checkbox"/> NO
7. Was sanitary footwear used during the inspection?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
8. Was disposable sanitary outerwear disposed at the facility?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	

BIOSECURITY – Vehicle

9. Was the vehicle parking location discussed with the facility prior to inspection?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
10. Was the vehicle washed since the inspection prior to current? If "YES" skip question 11.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
11. Was the vehicle parked >300-feet from the livestock management/waste handling facility? Explain where vehicle was parked:	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
12. Was IEPA vehicle used on site?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
13. Was facility vehicle used on site?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

BIOSECURITY – Inspection Equipment

14. Was all equipment wiped down with anti-bacterial wipes?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
15. Was sample cooler kept inside vehicle during inspection? If "YES" skip question 16.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
16. Was sample cooler wiped down with antibacterial wipes before placing back into vehicle?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO

OTHER COMMENTS/NOTES**See inspection report and photos**Check all attachments: ☒ Narrative ☒ Photos ☐ Site Plan ☐ Sample Results**INSPECTOR'S SIGNATURE****REPORT DATE****5-23-13**



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Livestock Facility Inspection Checklist

GENERAL INFORMATION

TYPE OF INSPECTION:

☒ CAFO ☐ COMPLAINT ☒ RECONNAISSANCE ☐ ERU FOLLOW UP ☐ OPERATOR REQUEST ☐ OTHER

FACILITY NAME (LLC, Inc., Corp, Partnership, sole proprietorship, etc.)

Green Management of Bureau County, LLC; M-4 Exemption 6 and Exemption 7(C)

INSPECTION DATE

5-23-13

ARRIVAL TIME

10:15 AM

ADDRESS

24127 Street, 150 East Avenue

LATITUDE (Decimal)

N 41.499

LONGITUDE (Decimal)

W -89.831

DEPARTURE TIME

12:30 PM

CITY

Fairfield

STATE

IL

ZIP CODE

62837

INSPECTOR(s)

Lee Heeren

ACCOMPANIED BY (if applicable)

COUNTY

Bureau

SECTION

32

TOWNSHIP

18N

RANGE

6E

POLITICAL TOWNSHIP

Fairfield

TEMPERATURE

50's

PRECIPITATION TYPE

Light Rain

Facility Owner(s):

NAME

James McCune

CONTACTED

☒ YES ☐ NO

PHONE

MOBILE

Exemption 6 and Exemption 7(C)

ADDRESS

CITY

STATE

ZIP CODE

Exemption 6 and Exemption 7(C)

NAME

CONTACTED

☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

Facility Operator(s):

NAME

CONTACTED

☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

NAME

CONTACTED

☐ YES ☐ NO

PHONE

MOBILE

ADDRESS

CITY

STATE

ZIP CODE

NPDES PERMIT INFORMATION (If no NPDES Permit, skip this section)

1. What type of NPDES permit has been issued?

☐ Individual NPDES Permit

☐ General NPDES Permit

NPDES #

2. What date was the NPDES permit issued?

3. What date does the NPDES permit expire?

4. Is a copy of the NPDES permit onsite?

☐ YES

☐ NO

5. Permitted number of animals (no. & specie)?

6. Does the NPDES Permit contain a compliance schedule?

☐ YES

☐ NO

7. Have there been any changes made to the production area since the permit was issued?

☐ YES

☐ NO

If "YES", provide a detailed description of those changes.

None

LAND APPLICATION/NUTRIENT MANAGEMENT

1. How many TOTAL acres are available for land application? <u>660</u> acres		
2. How many acres are READILY available for land application at the time of inspection? _____ acres		
3. Estimated annual quantities of liquid waste <u>2.5 MG</u> gallons		
4. Estimated annual quantities of solid waste _____ tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: _____	<input type="checkbox"/> YES	<input type="checkbox"/> NO
6. What type of land application equipment is available to the facility? <input type="checkbox"/> Umbilical Injection <input type="checkbox"/> Honeywagon Injection <input type="checkbox"/> Honeywagon Surface <input type="checkbox"/> Irrigation <input type="checkbox"/> Rotational Gun <input type="checkbox"/> Manure Spreader <input type="checkbox"/> Vegetative Filter <input type="checkbox"/> Other _____		
7. Does the facility calibrate the land application equipment? If "YES", What method is used?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain	<input type="checkbox"/> YES	<input type="checkbox"/> NO
9. Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain	<input type="checkbox"/> YES	<input type="checkbox"/> NO
10. Does the facility land apply near any residences? If "YES", Explain	<input type="checkbox"/> YES	<input type="checkbox"/> NO
11. Is livestock waste transferred off-site to another party? If "YES", Are records of manure transfers kept? If "YES", Ask to see records	<input type="checkbox"/> YES <input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> NO
12. Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?	<input type="checkbox"/> YES <input type="checkbox"/> YES	<input type="checkbox"/> NO <input type="checkbox"/> NO
13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
14. Are the number of acres owned/leased consistent with those in the NMP?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
15. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
16. Are all of the records identified in the NMP being maintained and kept current?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
17. Are records being maintained at the required frequency?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
19. Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?	<input type="checkbox"/> YES	<input type="checkbox"/> NO

LIVESTOCK FACILITY DESCRIPTION

Type of Animals	Number of Animals (currently)	Animal Capacity	Type of Confinement	Number of Structures
SWINE > 55 LBS	3600	3600	TOTAL CONFINEMENT BDG	3

Does the facility have an Illinois Certified Livestock Manager (300 or greater animal units)? ☐ N/A ☐ YES ☒ NO

If greater than 1000 animal units but less than 5000 animal units, does the facility have a waste management plan? ☐ N/A ☐ YES ☐ NO

If greater than 5000 animal units, has the facility submitted a waste management plan to IDOA for review? ☐ N/A ☐ YES ☐ NO

Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below.
None

☐ YES ☐ NO

LIVESTOCK WASTE STORAGE

- Does the facility have any existing livestock waste containment system? ☒ YES ☐ NO
If NO, then proceed to question 10.
- General description of the waste containment system (include solid and liquid manure handling, mortality, and feed storage areas).
M-4 consists of three 1100-pig barns with 8 ft manure pits. The barns each have multiple bulk bins for feed storage. Mortality is picked up by a rendering service.

Type of Storage	Total Storage Capacity (Specify Units)
<input type="checkbox"/> Anaerobic Lagoon	
<input type="checkbox"/> Covered Lagoon	
<input type="checkbox"/> Holding Pond	
<input type="checkbox"/> Above Ground Storage Tank ("Slurrystore")	
<input type="checkbox"/> Below Ground Storage Tank	
<input type="checkbox"/> Settling Basin	
<input type="checkbox"/> Roofed Storage Shed	
<input type="checkbox"/> Concrete Pad	
<input type="checkbox"/> Impervious Soil Pad	
<input checked="" type="checkbox"/> Underfloor Pits	8 ft manure pits
<input type="checkbox"/> Anaerobic Digester	
<input type="checkbox"/> Manure Stacks	
<input type="checkbox"/> Vegetative Filter	
<input type="checkbox"/> Other _____	
<input type="checkbox"/> None	
3. Do the storage structures have depth markers or staff gauges? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
4. Are levels of manure in the storage structures recorded and records kept? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
5. Do the storage structures have adequate freeboard? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
6. Estimated final stage storage structure freeboard _____ in. of total depth _____ in.	
7. Do facility personnel perform routine visual inspections of the storage structures? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
8. Are the routine visual inspections documented? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
9. Does the system have an outfall or discharge point? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge). None	
10. Are there any portions of the production area where runoff is not controlled? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
If "YES", provide a detailed description of the area(s) of concern: None	
MORTALITIES MANAGEMENT	
1. How are mortalities managed? (Composted, buried, burned, rendering service, other) Rendering service	
2. Are mortalities documented and are records kept? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

FACILITY WATER SOURCES

1. What type of method is used to provide drinking water for the animals?
☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☒ Water Bowls ☐ Other _____
2. How is the water for animals obtained?
☐ Community PWS ☒ On-Site Well ☐ On-Site Impoundment ☐ Other _____
3. Is a mist cooling system used? ☒ YES ☐ NO
How is mist water contained?
Falls into manure pit

DAIRY OPERATION (If No Dairy, skip this section)

1. How many times per day are cows milked? _____
2. Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).
None
3. Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.
None
4. Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.
None
5. Describe where process wastewater from the plate cooler goes and how it is contained.
None

BEDDING (If No Bedding, skip this section)

1. Describe what type of bedding is used for the animals.
None
2. Describe how bedding is collected and how often.
None
3. What is done with the used bedding? ☐ Reused ☐ Land Applied

MANURE COLLECTION

1. How is manure collected?

- ☒ Under Floor Pit
☒ Scraped: ☒ Automatic ☐ Manual
☐ Flush
☐ Solids Separator
☐ Other: _____
☐ None

2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.

None**FEED STORAGE CONTAINMENT**

1. Describe how feed (silage, hay, etc) is contained.

- ☒ Bulk Bins
☐ Silage Pit
☐ Ag Bags
Hay: ☐ Barn ☐ Outdoor
☐ Other: _____

2. Describe how feed (silage, hay, etc) runoff is contained.

- ☐ Not Applicable – Feed totally enclosed
☐ Other: _____
☐ None

RECEIVING SURFACE WATERS

1. Provide a description of the flow path from the facility to the nearest named surface water.

Enters a nearby drainage ditch and flows west 4-1/2 miles to Green River.

2. What is the name of the receiving stream?

Green River3. Status of the named surface water: ☐ Intermittent ☒ Perennial4. Are any unnatural bottom deposits observed in the receiving stream: ☐ YES ☒ NOIf "YES", provide a description of the deposits: **None**

DISCHARGES

1. Have there been any documented discharges of livestock waste to surface water <i>in the past year</i> ? If "NO" proceed to question 2.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. If "YES", specify the date(s). _____		
b. What was the reason for the discharge?		
c. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
d. What was the precipitation amount? (if applicable)		
e. Was IEMA notified of the discharge?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
If "YES", describe actions taken: None		
2. Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
b. What was the precipitation amount? (if applicable)		
c. What is the reason for the discharge?		
d. Were water quality samples taken?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
e. If "YES", how many? _____		
f. What parameter(s) tested? <input type="checkbox"/> pH <input type="checkbox"/> Ammonia <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Phosphorus <input type="checkbox"/> BOD ₅ <input type="checkbox"/> Total Susp Solids <input type="checkbox"/> Fecal <input type="checkbox"/> Diss O ₂ <input type="checkbox"/> Other _____		

BIOSECURITY – Inspection Activities

1. Were biosecurity measures discussed with the facility prior to inspection?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
2. Has there been 24-hours downtime between inspections for all IEPA personnel present?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
3. Was the order of inspection conducted from high risk to low risk?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Did all personnel stay outside livestock management and livestock waste handling facilities as defined in 35 IAC 501.285 and 35 IAC 501.300? If "YES" skip to question 7.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

BIOSECURITY – Personal Protection Equipment

5. Was sanitary footwear donned prior to entering the livestock management/waste handling facility(s)?	<input checked="" type="checkbox"/> N/A Did not Enter	<input type="checkbox"/> YES	<input type="checkbox"/> NO
6. Were disposable coveralls donned prior to entering the livestock management/waste handling facility(s)?	<input checked="" type="checkbox"/> N/A Did not Enter	<input type="checkbox"/> YES	<input type="checkbox"/> NO
7. Was sanitary footwear used during the inspection?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
8. Was disposable sanitary outerwear disposed at the facility?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	

BIOSECURITY – Vehicle

9. Was the vehicle parking location discussed with the facility prior to inspection?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
10. Was the vehicle washed since the inspection prior to current? If "YES" skip question 11.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
11. Was the vehicle parked >300-feet from the livestock management/waste handling facility? Explain where vehicle was parked:	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
12. Was IEPA vehicle used on site?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
13. Was facility vehicle used on site?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

BIOSECURITY – Inspection Equipment

14. Was all equipment wiped down with anti-bacterial wipes?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
15. Was sample cooler kept inside vehicle during inspection? If "YES" skip question 16.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
16. Was sample cooler wiped down with antibacterial wipes before placing back into vehicle?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO

OTHER COMMENTS/NOTES

See accompanying inspection report and photos

Check all attachments: ☒ Narrative ☒ Photos ☐ Site Plan ☐ Sample Results

INSPECTOR'S SIGNATURE**REPORT DATE****5-23-13**

Cc: BOW/DWPC/RU

Attachments: _____
Revised March 2012



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Livestock Facility Inspection Checklist

GENERAL INFORMATION									
TYPE OF INSPECTION: <input checked="" type="checkbox"/> CAFO <input type="checkbox"/> COMPLAINT <input checked="" type="checkbox"/> RECONNAISSANCE <input type="checkbox"/> ERU FOLLOW UP <input type="checkbox"/> OPERATOR REQUEST <input type="checkbox"/> OTHER									
FACILITY NAME (LLC, Inc., Corp, Partnership, sole proprietorship, etc.) Green Management of Bureau County, LLC; Anderson South Farm						INSPECTION DATE 5-23-13		ARRIVAL TIME 10:15 AM	
ADDRESS 22795 Ill. Rt. 40				LATITUDE (Decimal) N 41.479		LONGITUDE (Decimal) W -89.686		DEPARTURE TIME 12:30 PM	
CITY Walnut		STATE IL	ZIP CODE 61376	INSPECTOR(s) Lee Heeren			ACCOMPANIED BY (if applicable)		
COUNTY Bureau		SECTION 9	TOWNSHIP 17N	RANGE 7E	POLITICAL TOWNSHIP Manlius		TEMPERATURE 50's		PRECIPITATION TYPE Light Rain
Facility Owner(s): <small>Exemption 6 and Exemption 7(C)</small>	NAME James McCune				CONTACTED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		PHONE		MOBILE <small>Exemption 6 and Exemption 7(C)</small>
	ADDRESS Exemption 6 and Exemption 7(C)				CITY		STATE		ZIP CODE
	NAME				CONTACTED <input type="checkbox"/> YES <input type="checkbox"/> NO		PHONE		MOBILE
	ADDRESS				CITY		STATE		ZIP CODE
Facility Operator(s): <small>Exemption 6 and Exemption 7(C)</small>	NAME				CONTACTED <input type="checkbox"/> YES <input type="checkbox"/> NO		PHONE		MOBILE
	ADDRESS				CITY		STATE		ZIP CODE
	NAME				CONTACTED <input type="checkbox"/> YES <input type="checkbox"/> NO		PHONE		MOBILE
	ADDRESS				CITY		STATE		ZIP CODE
NPDES PERMIT INFORMATION (If no NPDES Permit, skip this section)									
1. What type of NPDES permit has been issued? <input type="checkbox"/> Individual NPDES Permit <input type="checkbox"/> General NPDES Permit								NPDES #	
2. What date was the NPDES permit issued?									
3. What date does the NPDES permit expire?									
4. Is a copy of the NPDES permit onsite?								<input type="checkbox"/> YES <input type="checkbox"/> NO	
5. Permitted number of animals (no. & specie)?									
6. Does the NPDES Permit contain a compliance schedule?								<input type="checkbox"/> YES <input type="checkbox"/> NO	
7. Have there been any changes made to the production area since the permit was issued?								<input type="checkbox"/> YES <input type="checkbox"/> NO	
If "YES", provide a detailed description of those changes. None									

LAND APPLICATION/NUTRIENT MANAGEMENT

1. How many TOTAL acres are available for land application? <u>400</u> acres		
2. How many acres are READILY available for land application at the time of inspection? _____ acres		
3. Estimated annual quantities of liquid waste <u>2.5 MG</u> gallons		
4. Estimated annual quantities of solid waste _____ tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: <u>Manthei</u>		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6. What type of land application equipment is available to the facility? <input type="checkbox"/> Umbilical Injection <input checked="" type="checkbox"/> Honeywagon Injection <input type="checkbox"/> Honeywagon Surface <input type="checkbox"/> Irrigation <input type="checkbox"/> Rotational Gun <input type="checkbox"/> Manure Spreader <input type="checkbox"/> Vegetative Filter <input type="checkbox"/> Other _____		
7. Does the facility calibrate the land application equipment? If "YES", What method is used? Flow meter		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
10. Does the facility land apply near any residences? If "YES", Explain		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
11. Is livestock waste transferred off-site to another party? If "YES", Are records of manure transfers kept? If "YES", Ask to see records		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
12. Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?		<input type="checkbox"/> YES <input type="checkbox"/> NO
14. Are the number of acres owned/leased consistent with those in the NMP?		<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?		<input type="checkbox"/> YES <input type="checkbox"/> NO
16. Are all of the records identified in the NMP being maintained and kept current?		<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Are records being maintained at the required frequency?		<input type="checkbox"/> YES <input type="checkbox"/> NO
18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?		<input type="checkbox"/> YES <input type="checkbox"/> NO
19. Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?		<input type="checkbox"/> YES <input type="checkbox"/> NO

LIVESTOCK FACILITY DESCRIPTION

Type of Animals	Number of Animals (currently)	Animal Capacity	Type of Confinement	Number of Structures
SWINE > 55 LBS	3300	3300	TOTAL CONFINEMENT BDG	3

Does the facility have an Illinois Certified Livestock Manager (300 or greater animal units)?	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
If greater than 1000 animal units but less than 5000 animal units, does the facility have a waste management plan?	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO
If greater than 5000 animal units, has the facility submitted a waste management plan to IDOA for review?	<input type="checkbox"/> N/A	<input type="checkbox"/> YES	<input type="checkbox"/> NO
Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below. 2577 1945 N Avenue, Sheffield, Illinois M-2 on Ill. Rt. 40, Sheffield, Illinois M-4, 150 E Avenue, Fairfield, Illinois Boar Power, 450 East Avenue, Sheffield, Illinois		<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

LIVESTOCK WASTE STORAGE

- Does the facility have any existing livestock waste containment system? ☒ YES ☐ NO
If NO, then proceed to question 10.
- General description of the waste containment system (include solid and liquid manure handling, mortality, and feed storage areas).
3 - 1100-head pig barns have partial, shallow manure pits that have a scraper system that transfers manure to a reception pit and then into a 1.6 MG Slurrystore. Multiple bulk bins located adjacent to the barns, store the hog feed. Hog mortality is picked up by a local rendering service.

Type of Storage	Total Storage Capacity (Specify Units)
<input type="checkbox"/> Anaerobic Lagoon	
<input type="checkbox"/> Covered Lagoon	
<input type="checkbox"/> Holding Pond	
<input checked="" type="checkbox"/> Above Ground Storage Tank ("Slurrystore")	
<input type="checkbox"/> Below Ground Storage Tank	
<input type="checkbox"/> Settling Basin	
<input type="checkbox"/> Roofed Storage Shed	
<input type="checkbox"/> Concrete Pad	
<input type="checkbox"/> Impervious Soil Pad	
<input checked="" type="checkbox"/> Underfloor Pits	
<input type="checkbox"/> Anaerobic Digester	
<input type="checkbox"/> Manure Stacks	
<input type="checkbox"/> Vegetative Filter	
<input type="checkbox"/> Other _____	
<input type="checkbox"/> None	

3. Do the storage structures have depth markers or staff gauges? ☐ YES ☒ NO

4. Are levels of manure in the storage structures recorded and records kept? ☒ YES ☐ NO

5. Do the storage structures have adequate freeboard? ☒ YES ☐ NO

6. Estimated final stage storage structure freeboard _____ in. of total depth _____ in.

7. Do facility personnel perform routine visual inspections of the storage structures? ☒ YES ☐ NO

8. Are the routine visual inspections documented? ☒ YES ☐ NO

9. Does the system have an outfall or discharge point? ☐ YES ☒ NO

If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge).
None

10. Are there any portions of the production area where runoff is not controlled? ☐ YES ☒ NO

If "YES", provide a detailed description of the area(s) of concern:
None

MORTALITIES MANAGEMENT

1. How are mortalities managed? (Composted, buried, burned, rendering service, other)
Rendering service

2. Are mortalities documented and are records kept? ☒ YES ☐ NO

FACILITY WATER SOURCES

1. What type of method is used to provide drinking water for the animals?
☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☒ Water Bowls ☐ Other _____
2. How is the water for animals obtained?
☐ Community PWS ☒ On-Site Well ☐ On-Site Impoundment ☐ Other _____
3. Is a mist cooling system used? ☒ YES ☐ NO
How is mist water contained?
Falls into manure pit

DAIRY OPERATION (If No Dairy, skip this section)

1. How many times per day are cows milked? _____
2. Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).
None
3. Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.
None
4. Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.
None
5. Describe where process wastewater from the plate cooler goes and how it is contained.
None

BEDDING (If No Bedding, skip this section)

1. Describe what type of bedding is used for the animals.
None
2. Describe how bedding is collected and how often.
None
3. What is done with the used bedding? ☐ Reused ☐ Land Applied

MANURE COLLECTION

1. How is manure collected?

- ☒ Under Floor Pit
☒ Scraped: ☒ Automatic ☐ Manual
☐ Flush
☐ Solids Separator
☐ Other: _____
☐ None

2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.

None**FEED STORAGE CONTAINMENT**

1. Describe how feed (silage, hay, etc) is contained.

- ☒ Bulk Bins
☐ Silage Pit
☐ Ag Bags
Hay: ☐ Barn ☐ Outdoor
☐ Other: _____

2. Describe how feed (silage, hay, etc) runoff is contained.

- ☐ Not Applicable – Feed totally enclosed
☐ Other: _____
☐ None

RECEIVING SURFACE WATERS

1. Provide a description of the flow path from the facility to the nearest named surface water.

Flow would travel northwest approximately 2-1/2 miles to Green River.

2. What is the name of the receiving stream?

Green River3. Status of the named surface water: ☐ Intermittent ☒ Perennial4. Are any unnatural bottom deposits observed in the receiving stream: ☐ YES ☒ NOIf "YES", provide a description of the deposits: **None**

DISCHARGES

1. Have there been any documented discharges of livestock waste to surface water <i>in the past year</i> ? If "NO" proceed to question 2.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. If "YES", specify the date(s). _____		
b. What was the reason for the discharge?		
c. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
d. What was the precipitation amount? (if applicable)		
e. Was IEMA notified of the discharge?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
If "YES", describe actions taken: None		
2. Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
a. Was the discharge the result of a 25 year-24 hour rainfall event?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
b. What was the precipitation amount? (if applicable)		
c. What is the reason for the discharge?		
d. Were water quality samples taken?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
e. If "YES", how many? _____		
f. What parameter(s) tested? <input type="checkbox"/> pH <input type="checkbox"/> Ammonia <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Phosphorus <input type="checkbox"/> BOD ₅ <input type="checkbox"/> Total Susp Solids <input type="checkbox"/> Fecal <input type="checkbox"/> Diss O ₂ <input type="checkbox"/> Other _____		

BIOSECURITY – Inspection Activities

1. Were biosecurity measures discussed with the facility prior to inspection?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
2. Has there been 24-hours downtime between inspections for all IEPA personnel present?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
3. Was the order of inspection conducted from high risk to low risk?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Did all personnel stay outside livestock management and livestock waste handling facilities as defined in 35 IAC 501.285 and 35 IAC 501.300? If "YES" skip to question 7.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

BIOSECURITY – Personal Protection Equipment

5. Was sanitary footwear donned prior to entering the livestock management/waste handling facility(s)?	<input checked="" type="checkbox"/> N/A Did not Enter	<input type="checkbox"/> YES	<input type="checkbox"/> NO
6. Were disposable coveralls donned prior to entering the livestock management/waste handling facility(s)?	<input checked="" type="checkbox"/> N/A Did not Enter	<input type="checkbox"/> YES	<input type="checkbox"/> NO
7. Was sanitary footwear used during the inspection?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
8. Was disposable sanitary outerwear disposed at the facility?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	

BIOSECURITY – Vehicle

9. Was the vehicle parking location discussed with the facility prior to inspection?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
10. Was the vehicle washed since the inspection prior to current? If "YES" skip question 11.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
11. Was the vehicle parked >300-feet from the livestock management/waste handling facility? Explain where vehicle was parked:	<input type="checkbox"/> N/A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
12. Was IEPA vehicle used on site?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
13. Was facility vehicle used on site?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

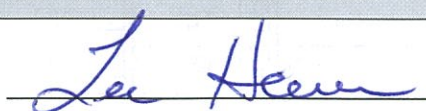
BIOSECURITY – Inspection Equipment

14. Was all equipment wiped down with anti-bacterial wipes?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
15. Was sample cooler kept inside vehicle during inspection? If "YES" skip question 16.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
16. Was sample cooler wiped down with antibacterial wipes before placing back into vehicle?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> YES <input type="checkbox"/> NO

OTHER COMMENTS/NOTES

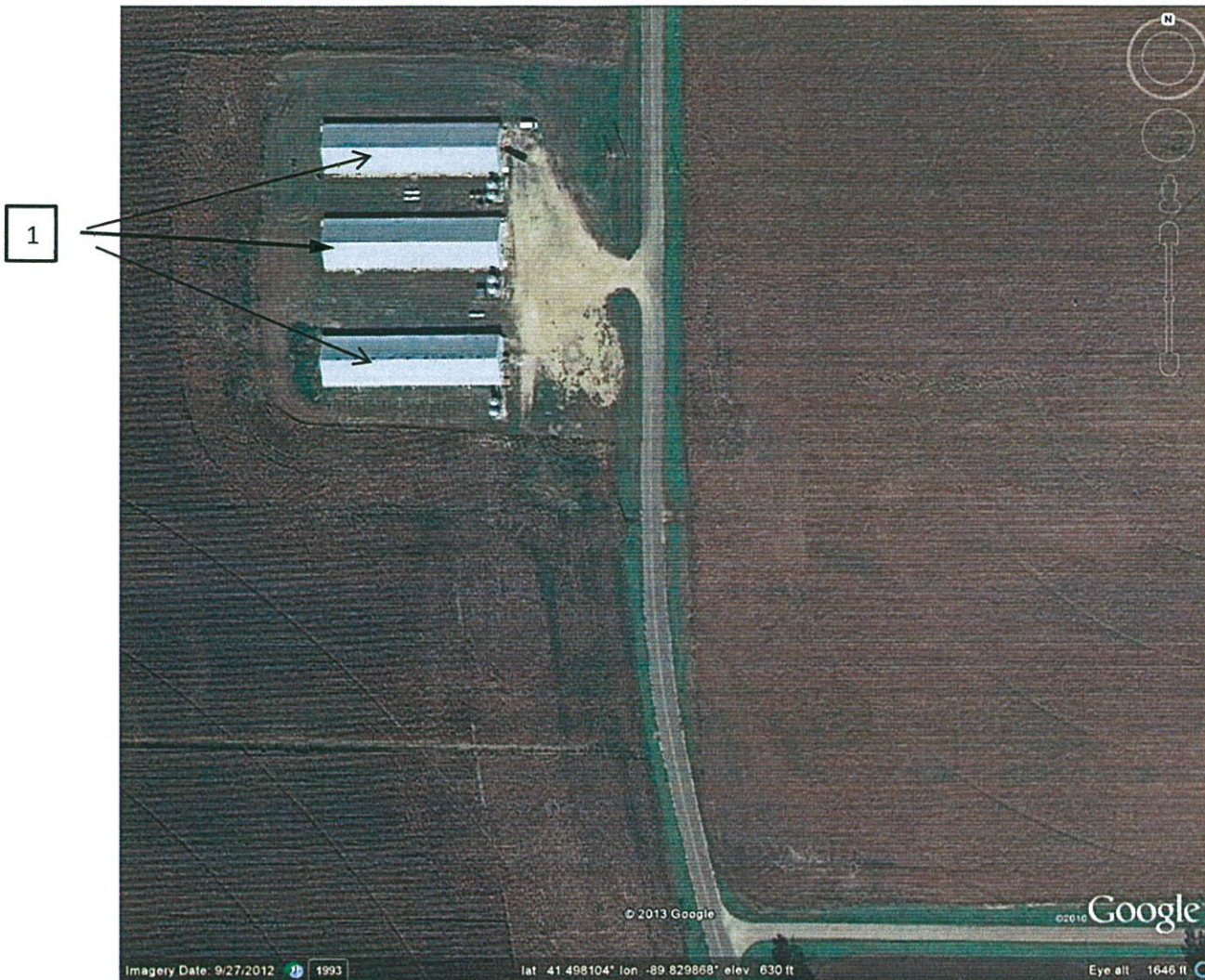
See accompanying inspection report and photos

Check all attachments: ☒ Narrative ☒ Photos ☐ Site Plan ☐ Sample Results

INSPECTOR'S SIGNATURE**REPORT DATE****5-23-13**

James McCune, M-4 Facility Exemption 6 and Exemption 7(C) 24127 150 Street, Fairfield, Illinois

May 23, 2013



Map Point	Description
1	3 - 1200 hog finisher confinement buildings, 8 ft. manure pits

IEPA-BOW-DWPC
Rockford Regional Office

FAIRFIELD

T. 18 N - R. 6 E.

Exemption 6 and Exemption 7(C)

Exemption 6 and Exemption 7(C)

TAMPICO NATIONAL BANK



PHONE: 438-6365



TAMPICO

ILLINOIS

M-4;

@ 150 E., THOMAS, ILL.

3-1200 Hog capacity finished Bldgs.



James McCune, Boarpower Swine Facility, 450th Street East Ave., Sheffield, Ill.

May 23, 2013



Map Point	Description
1	2400 head swine finisher confinement building w/ 10 ft. manure pit
2	Older 1100 pig confinement buildings scheduled to be demolished in 2013

Boar Power Swine Facility

GOLD

T. 17 N. - R. 6 E.

Exemption 6 and Exemption 7(C)

2400N
2300N
2200N
2100N
2000N
1900N
1800N

James McCone - Truck Wash
SW/21/17N/06E

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Oil Co. Inc.**

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James McCune, M-2 Facility, 18500 Illinois Route 40, Sheffield, Illinois

May 23, 2013



Map Point	Description
1	3-1100 hog confinement buildings w/ 1.6 MG Slurrystore owned by Doug Lenhart
2	M-2 Facility;3- 1100 hog confinement buildings w/ 1.6 MG Slurrystore owned by James McCune
3	(The Lenhart hog facility is part of the Green Management of Bureau County, LLC. Cooperative.)

M-2 Swine Facility on Rt. 40

21

MANLIUS

T. 17N.-R. 7E.

Exemption 6 and Exemption 7(C)

Dave Anderson - North
SE/04/17N/07E

James McCune - Rt. 40 Slurrystores
NE/34/17N/07E

Dave Anderson - South
NE/09/17N/07E

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Michael R. Crowley, Sr., S.R.A., R.M.

Michael R. Crowley, Jr., S.R.A.

STATE CERTIFIED GENERAL APPRAISERS

(815) 664-4422

Fax: (815) 663-1017

200 WEST ST. PAUL - SPRING VALLEY, ILLINOIS 61362

James McCune, [REDACTED] 2577 1945 N. Ave., Sheffield, Illinois

May 23, 2013



Map Point	Description
1	One of the earthen feedlots used for the 1100 beef cow-calf enterprise
2	M-1 swine facility; 3-1100 hog confinement buildings w/ 2 ft. manure pits and 1.6 MG Slurrystore.
3	M-5 swine facility; 3600 hog confinement building w/ 8 ft. manure pit.
4	M-3 swine facility; 3-1100 hog confinement buildings w/ 2 ft. manure pits and 1.6 MG Slurrystore.
5	Earthen storage basin for commercial truck wash enterprise
6	Feed storage area for cattle enterprise
7	M-6 swine facility; 3600 hog confinement building w/ 8 ft. manure pit.

GOLD

2577

1945 N. Ave.

Sheffield

T. 17 N. - R. 6 E.

Truck Wash

Exemption 6 and Exemption 7(C)

2400N

2300N

2200N

2100N

2000N

1900N

1800N

James McCone - Truck Wash
SW/23/17N/06E**Manlius
Oil Co. Inc.****FUELS • PROPANE • TIRES • AUTO SERVICE**

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James McCune, Anderson North and South Facilities, Illinois Route 40, Sheffield, Illinois

May 23, 2013



Map Point	Description
1	Anderson North Facility, 3-1100 hog confinement buildings w/ 1.6 MG Slurrystore
2	Anderson South Facility, 3-1100 hog confinement buildings w/ 1.6 MG Slurrystore

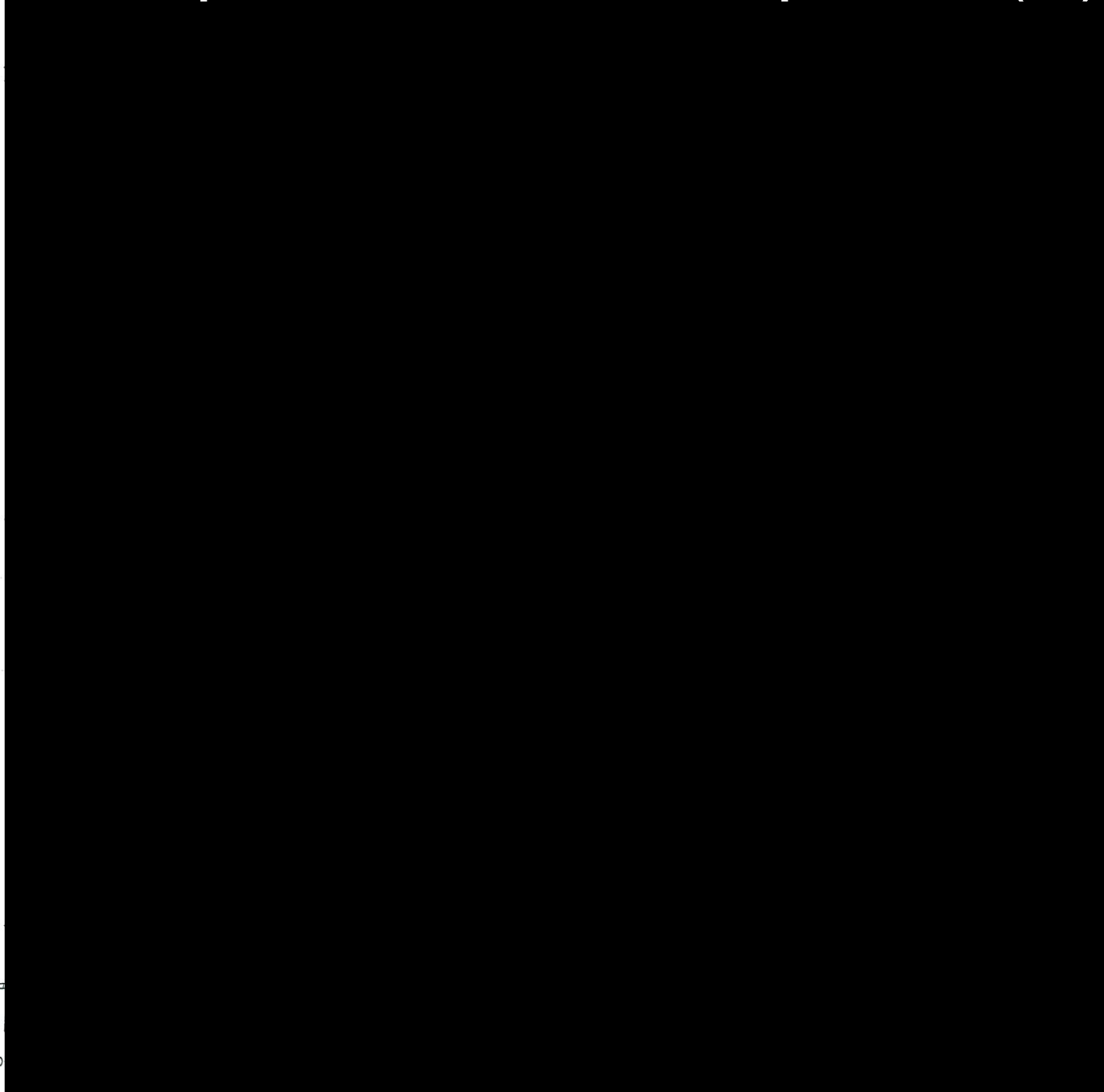
David Anderson North - section 4
David Anderson South - section 9

MANLIUS

T 17N - R 7E

21

Exemption 6 and Exemption 7(C)



Dave Anderson - North
SE/04/17N/07E

James McCune - Rt. 40 Slurrystores
NE/34/17N/07E

Dave Anderson - South
NE/09/17N/07E

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